

Quick Guide for the AV28G

The AV28G is an all-in-one device from NewMP3Technology featuring a multimedia player, a camera/video recorder, and a game console, all neatly packed in this lightweight 2.8" TFT screen player. To make the most out of your device, kindly read through the guide.

Buttons and Ports:

top (from left to right)

- Headphone jack
- Power indicator
- Power button
- Enter button (also serves as camera and video button when in camera/videocorder mode)

face of player (from left to right)

- Esc button
- Previous track/Increase volume/Left direction button
- Next track/Decrease volume/Right direction button

right side

- DC jack
- Mini-USB jack
- AV-in port

left side

- SD card slot

bottom part

- Reset button
- Hold slider button

Sliding up the screen will reveal the game controls

- 4-directional key (can also be used in standby mode as left-right direction buttons)
- OK button (same purpose as Enter button)
- X and B correspond to A and B on gaming consoles
- The A button is for accessing context menus except when playing a game, where it functions as the Select key.

The camera lens can be found at the back of the unit, along with the microphone and integrated speaker.

Powering on the Unit

Hold on the Power button for around 5 seconds and the welcome screen featuring NewMP3Technology should show up. At the upper right hand corner of the screen can be seen the Battery status icon in blue and the Memory card indicator. When the battery icon turns yellow, it means that the unit is running out of battery and should be connected to the charger right away.

The unit can be turned on with or without sliding the front panel up.

Activating Memory Card

To insert the memory card, make sure it is inserted with the contacts side facing upwards, and the Memory card indicator should show up on the screen.

To use the unit with a memory card, the unit defaults to the internal (Flash) memory every time you turn it on, so the contents of the memory card will not be available until the memory is set to the card. To activate the card, on the standby Menu, go to Tools, press the Enter or the OK key, choose Memory, press on Enter, press the right selection key to choose SD, and press OK. A message should show up saying that the card is active, and press the Esc key until you reach the standby menu. When the memory card is active, the contents of the internal memory will not be accessible.

The Standby Menu

Upon turning on the unit, you are brought to the Standby Menu screen with the following options:

- Video Player
- Audio Player
- Picture View
- Camera
- DV
- AudioRec
- Game
- Learning
- Tool
- System Setup
- VideoRec

A) Video Player

Press Enter/OK on standby once the unit is turned on to access the Video Player. On the default view, at the right side of the screen is listed the video files available in the selected memory (either the integrated or the SD card). Only compatible files would show with a thumbnail preview of the video, and non-playable files would show a no preview icon.

When transferring files, make sure that the videos are transferred to the Video folder in either the SD card or the internal memory, as it would only be able to look for videos in this set location. See the appropriate section to learn more on file transfers.

Menu options (press A on the game pad):

- Disp Mode – toggles between List and Thumbnail view modes. The Thumbnails view prepares 9x9 clips of the videos in your unit. In either view mode, press OK to play the video, and increase playback volume by pressing on the Volume keys.
- Loop Mode – choose whether to repeat the Current video or All videos. Select Random to let the player choose to sequence videos at random.
- File protect – choose whether to lock or unlock a file
- Del File – either delete the currently selected file or all the files listed
- TV Output – choose whether to have the image displayed in the LCD screen, or to an outside source connected at the AV-out port. Select either PAL or NTSC output as appropriate.

During video playback, on the directional keys, press Up to play previous video (or the video that comes before it), and Down to play the next video. Press on Right twice to fast forward, and Left for fast backward. Press on OK to either pause or play the video, or to play at normal speed again when either doing a fast forward or backward.

B) Audio Player

The audio player only lists compatible files on the right side, and at the left side are several file attributes regarding the audio file.

When transferring files, make sure that the audio files are transferred to the Audio folder in either the SD card or the internal memory, as it would only be able to look for audio files in this set location. See the appropriate section to learn more on file transfers.

Menu options:

- Loop Mode – choose whether to repeat the Current file or All files. Select Random to let the player choose to sequence files at random.
- File protect – choose whether to lock or unlock a file

- Del File – either delete the currently selected file or all the files listed
- EQ mode – choose from several presets such as Normal, DBB, Rock, Jazz, Pop, and Live

During audio playback, on the directional keys, press Up to play previous audio file (or the file that comes before it), and Down to play the next audio file. Press on Right twice to fast forward, and Left for fast backward. Press on OK to either pause or play the file, or to play at normal speed again when either doing a fast forward or backward.

C) Picture View

View your favorite photos with this handy photo viewer. The default view shows the file list at the right side with the thumbnail of the currently selected photo file at the left along with the file name and size. Press on OK to view the selected file in fullscreen mode, and use the up or down buttons to browse through the selection.

When transferring files, make sure that the photos are transferred to the Picture folder in either the SD card or the internal memory, as it would only be able to look for photos in this set location. See the appropriate section to learn more on file transfers.

Menu options:

- Disp Mode – toggles between Thumbnail, List, and Slide view modes. The Thumbnail view prepares 9x9 clips of the photos in your unit. In Slide, you can choose either 1 or 2 second intervals for the photos to play as a slideshow. To stop at a certain photo during playback, press on the OK button. Press ESC when you want to end the slideshow and you will be back to the List viewing mode.
- File protect – choose whether to lock or unlock a file
- Del File – either delete the currently selected file or all the files listed
- On Menu – the currently selected picture will be shown when the unit is turned on

- Off Menu – the currently selected picture will be shown before the unit shuts down completely.
- TV Output – choose whether to have the image displayed in the LCD screen, or to an outside source connected at the AV-out port. Select either PAL or NTSC output as appropriate.

D) Camera

After the loading screen, the viewfinder screen will come up. At the upper part of the screen are shown the current camera settings, and the lower part shows the number of shots left at the left side and the zoom at the right side.

Menu options:

- Mode – choose among three shooting modes, either Single, Continuous (shoots three photos one after the other), and Self.
- Size – lets you pick at which resolution the picture should be saved, from 320x240, 640x480, and 1280x960!
- Quality – choose among the degree of quality available, from High, Medium, and Low. Displays as an H, M, and L on the viewfinder respectively.

- Effect – choose among image presets like Normal, Negative, Relief, Binaries, Sepia, and BlackWhite

Take a photo either by pressing on the Camera shutter button at the top of the unit while the front panel is slid down, or click on OK if the game pad is accessible. To zoom in on an object, press the Up and Down keys.

The files are saved under the Picture folder and can be viewed right away in the Picture View menu option.

E) DV

On the viewfinder screen are displayed the current video settings at the top, and the length of the video you can save and the amount of zoom at the bottom. Take a video by pressing on the Camera shutter button or the OK button on the game pad and a blinking video icon will show up at the top indicating that recording is in progress.

Menu options:

- Video Size – lets you pick at which resolution the video should be saved, either at 160x128 or 320x240.
- Quality – choose among the degree of quality available, from High, Medium, and Low. Displays as an H, M, and L on the viewfinder respectively.

- Effect – choose among image presets like Normal, Negative, Solarised, Relief, Binaries, Sepia, and BlackWhite

Once recording is finished, the video is saved in the Video folder as a .3gp file and can be viewed in the Video Player right away.

F) AudioRec

The sound recorded is automatically stored in the Audio folder and will be listed in the Audio Player once you exit from the application. Upon pressing on Enter/OK in standby, press on OK again to start recording. Press on OK again to pause recording, and OK once again to resume recording. To finish recording, press on Esc and the file will be automatically saved.

Take note that the microphone is at the back of the player, below the camera lens.

G) Game

The Game application would allow you to play .NES games uploaded into the memory card or the internal memory. The AV28G is pre-loaded with 960 classic games.

Scroll up or down the game list at the right and press on OK to play the selected game. The game control buttons preside during gameplay.

If the complete file list does not show up, try transferring some of the game files into the internal memory by hooking up the unit to a computer (see **Transferring Files Using your Computer** section).

Game controls:

- 4-directional key – to move up, down, left, or right

- OK – works as Start during gameplay
- A – Select button
- B – Fire button
- X – A/Jump button

Menu options:

- File protect – choose whether to lock or unlock a file
- Del File – either delete the currently selected file or all the files listed
- TV Output – choose whether to have the image displayed in the LCD screen, or to an outside source connected at the AV-out port. Select either PAL or NTSC output as appropriate.

H) Learning

The Learning Menu contains two sections: Dict and Ebk (Ebook reader). The Dict application provides definition of a word in Chinese, plus an audio pronunciation file if available.

The Ebook reader loads available text files saved at the Ebook folder and lists them at the right side for viewing. Press on OK to view an available file.

Menu options:

- File protect – choose whether to lock or unlock a file
- Del File – either delete the currently selected file or all the files listed

I) Tool

Under Tool is a basic 13-digit (2 for exponents) function calculator. Scroll through the calculator keypad and press on OK to choose either the selected number or operation.

Also under Tool is the Memory option. The Memory allows you to set which memory should the player access, either the internal (Flash) memory or the SD card slot.

Under both memory slots, it will show you the Capacity, Unused and Used space. Both also have the Work Space and Format options. Choosing Work Space will allow you to select the current memory slot as the active memory, and Format will format the current memory slot. The option is in red if chosen, and then press on OK to execute the command.

J) System Setup

- Language – change the language from English to German, Spanish, French, or Italian. Press on OK to choose.
- Default – choosing Yes will revert to all the Default settings.
- Sound – under Sound is the Speaker and KeyTone.
Speaker – choose On or Off to unmute/mute the external speaker for all operations.
KeyTone – enable or disable the keypress tones by choosing On or Off.
- AutoOff – set the player to turn off after a specified period of inactivity, from after 3 minutes, 15 minutes, or an hour.
- Style – choose between two style backgrounds.
- Power Mode – enables power saving mode, will turn off the screen after a certain period of inactivity, from after 30 seconds, a minute, or 3 minutes.

K) VideoRec

Allows you to record from an external video source connected to the AV-in port.

Transferring Files Using your Computer

You can connect the AV28G to your computer using the USB cable shipped with it. Hook the USB cable at the left of the unit and into an available USB port in your computer, and you can do this with either the unit turned off or on, but the unit should be in standby to enable USB mode. Once USB mode is enabled, it will show a USB plug on the screen of the player (Note: The player does not charge through the USB transfer cable, but rather through the USB-DC cable supplied with it.)

The unit would show up as external removable storage devices, with the memory card named SD.

There are five folders in each memory slot: Audio, Ebook, Game, Picture, and Video. Please put the files in their respective slots.

Also, you can choose to use the unit as a regular thumb drive to store files, although these cannot be accessed in the unit.

Note: The player does not charge through the USB transfer cable, but rather through the USB-DC cable supplied with it.

To disconnect the player, choose either the Safely Remove Hardware option for PCs or drag the disk images to the Trash for Macs.